LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087147.D
Acq On : 18 May 2016 16:52
Operator : UM/SJ
Sample : H3143-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-I-76(0-2)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.712	10	11	51	rVB	4110464	8709878	100.00%	17.050%
2	4.707	269	273	288	rBV	1464337	2712079	31.14%	5.309%
3	5.176	311	314	316	rBV	3263639	4215870	48.40%	8.253%
4	5.564	346	348	355	rVB	193713	224965	2.58%	0.440%
5	6.250	405	408	410	rBV	4065442	4497475	51.64%	8.804%
6	6.353	414	417	419	rBV	4497585	4385734	50.35%	8.585%
7	6.582	434	437	439	rBV	691371	921075	10.58%	1.803%
8	6.730	448	450	453	rBV	3033436	2939851	33.75%	5.755%
9	7.153	484	487	489	rBV	2760998	2804958	32.20%	5.491%
10	7.862	547	549	552	rBV	1174857	1187698	13.64%	2.325%
11	8.947	641	644	646	rBV	4236036	4577965	52.56%	8.962%
12	9.348	677	679	681	rBV	471371	443671	5.09%	0.869%
13	9.553	695	697	699	rBV	67893	92656	1.06%	0.181%
14	9.610	699	702	705	rBV	1458100	1369133	15.72%	2.680%
15	10.056	737	741	743	rBV	169448	158655	1.82%	0.311%
16	10.399	769	771	774	rBV	2574941	2884567	33.12%	5.647%
17	10.525	780	782	789	rVB	198468	249026	2.86%	0.487%
18	11.085	829	831	834	rBV	1334556	1355034	15.56%	2.653%
19	11.633	877	879	887	rBV	64031	106846	1.23%	0.209%
20	12.674	967	970	972	rBV	4140888	4031918	46.29%	7.893%
21	13.588	1047	1050	1058	rBV	222114	574707	6.60%	1.125%
22	13.714	1058	1061	1064	rBV	1437561	1358021	15.59%	2.658%
23	15.062	1177	1179	1182	rBV	880691	1139948	13.09%	2.232%
24	15.554	1218	1222	1229	rBV2	36492	142504	1.64%	0.279%

Sum of corrected areas: 51084234

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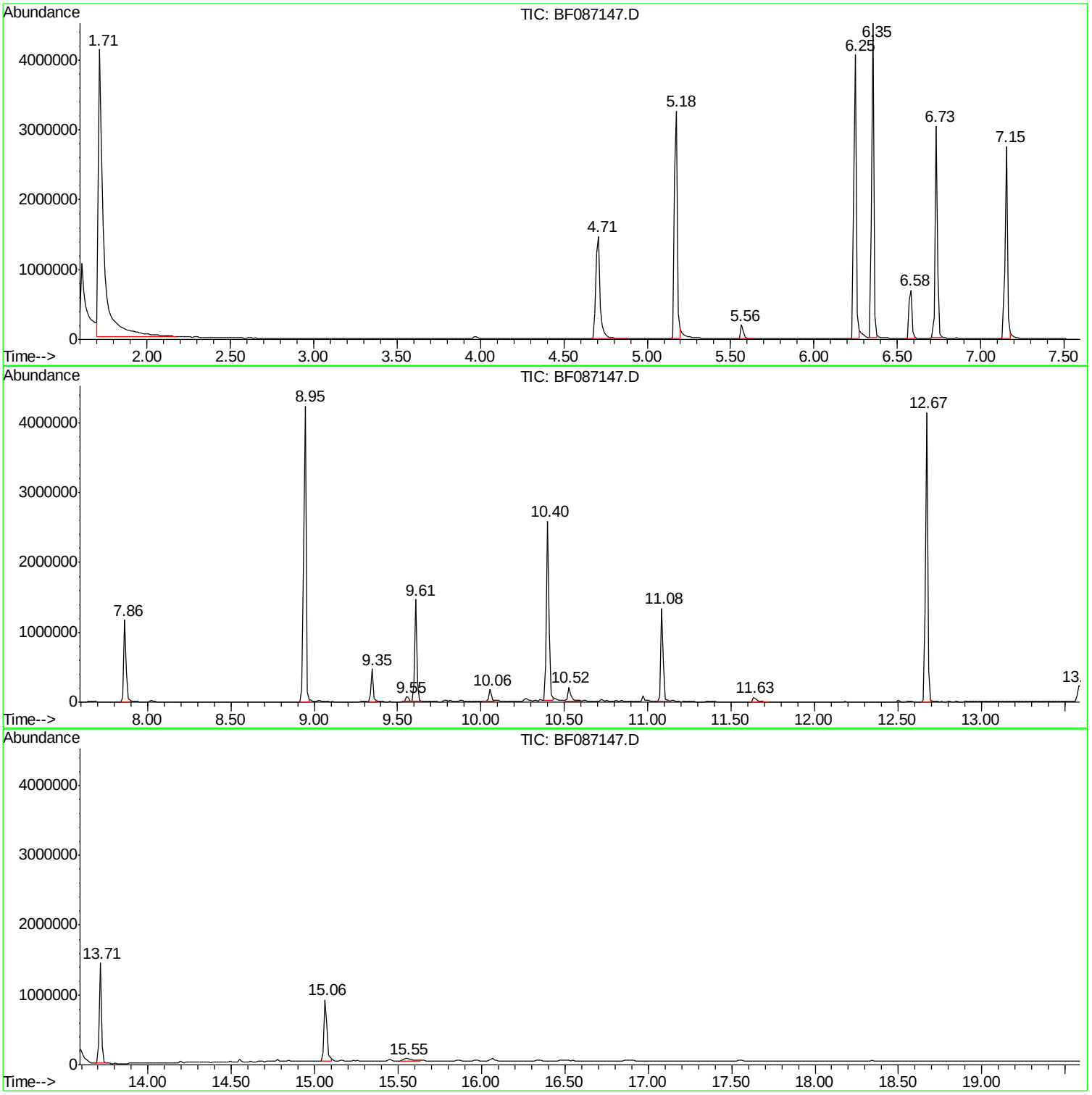
Instrument :
BNA_F
ClientSampleId :
3-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087147.D
Acq On : 18 May 2016 16:52
Operator : UM/SJ
Sample : H3143-05
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Instrument : BNA_F
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

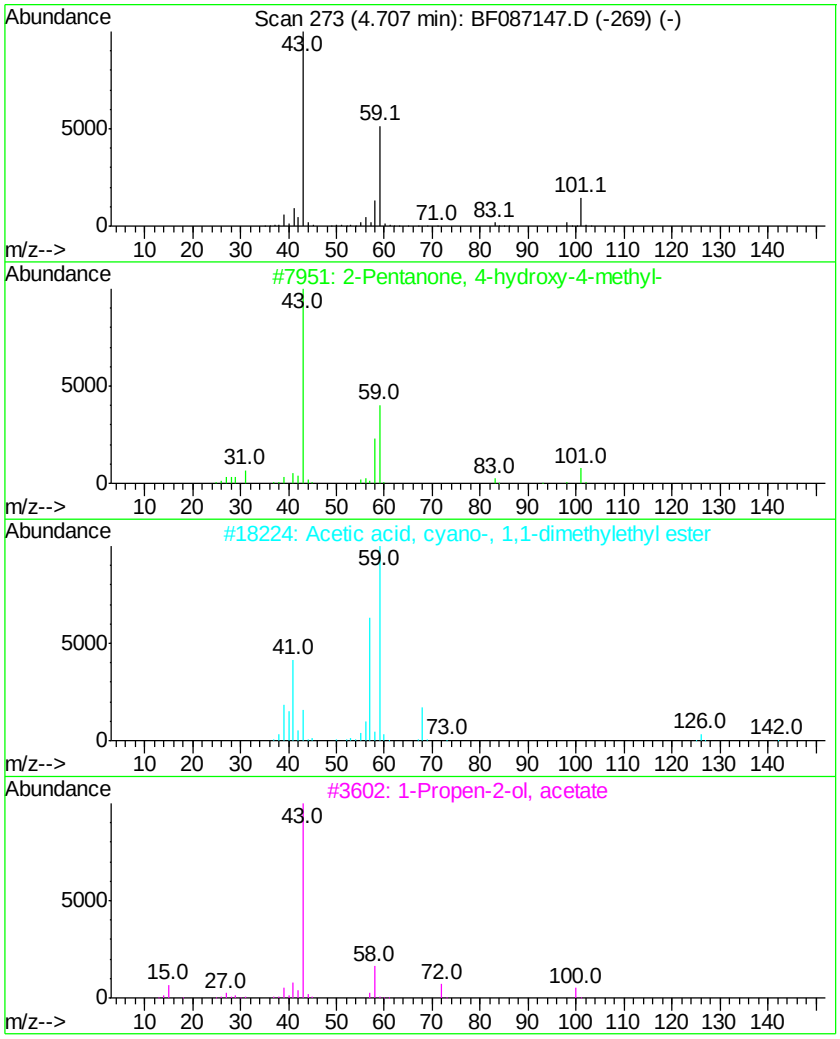
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

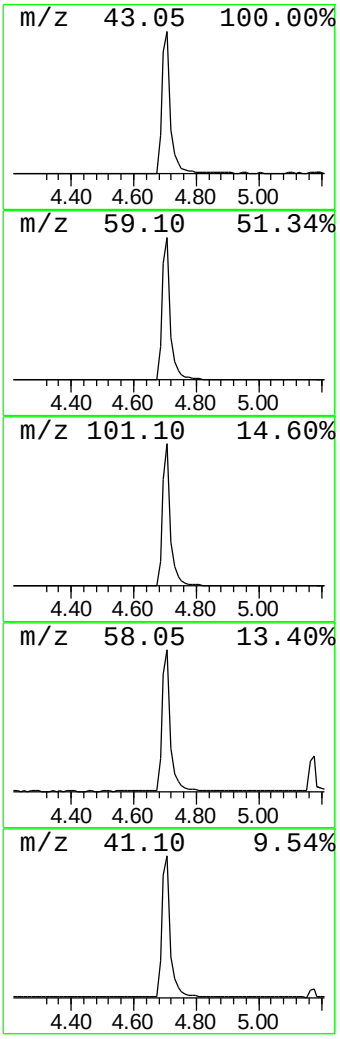
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.71	58.89 ng	2712080	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087147.D
Acq On : 18 May 2016 16:52
Operator : UM/SJ
Sample : H3143-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 3-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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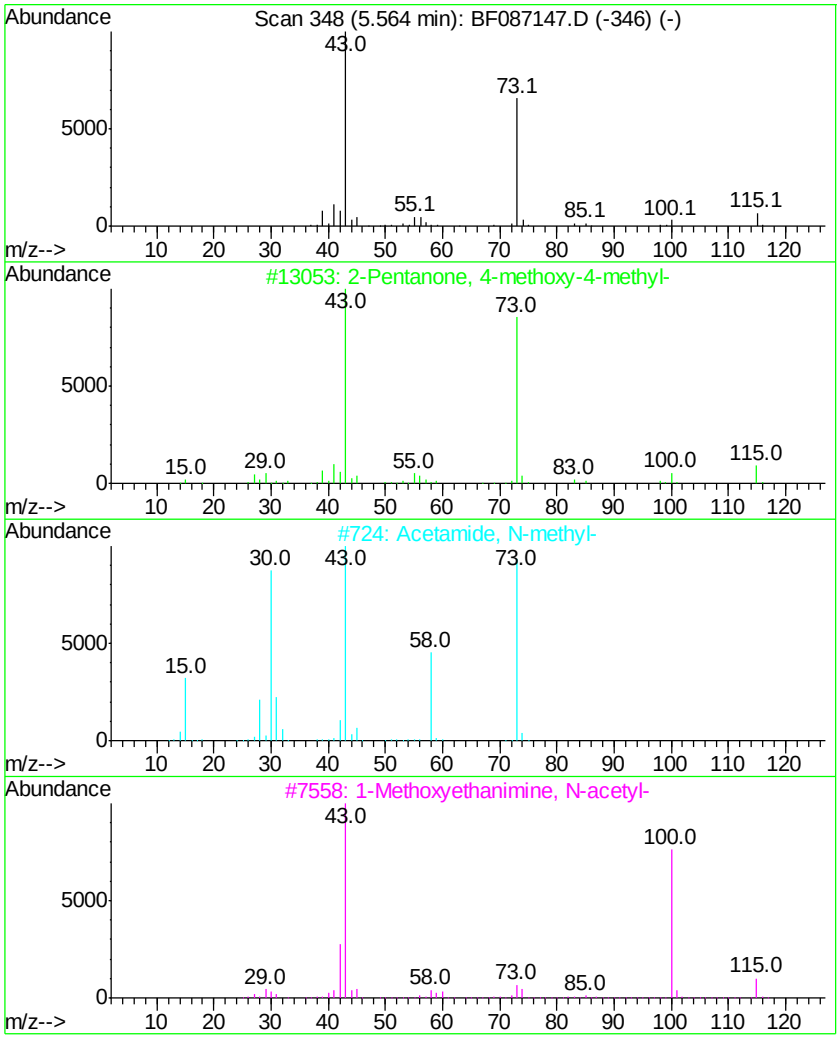
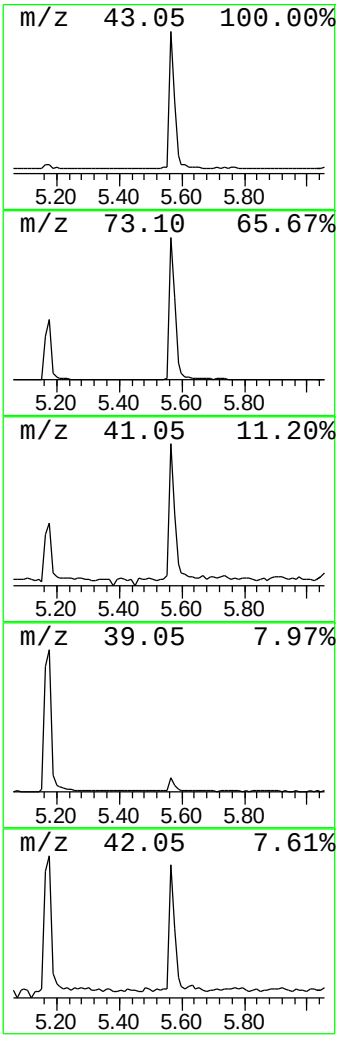
Peak Number 3 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.56	4.88 ng	224965	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	Acetamide, N-methyl-	73	C3H7NO	000079-16-3	47
3	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	38
4	N,N'-Bis(2-methyl-2-nitrosopenta...	258	C12H22N2O4	094514-30-4	32
5	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087147.D
Acq On : 18 May 2016 16:52
Operator : UM/SJ
Sample : H3143-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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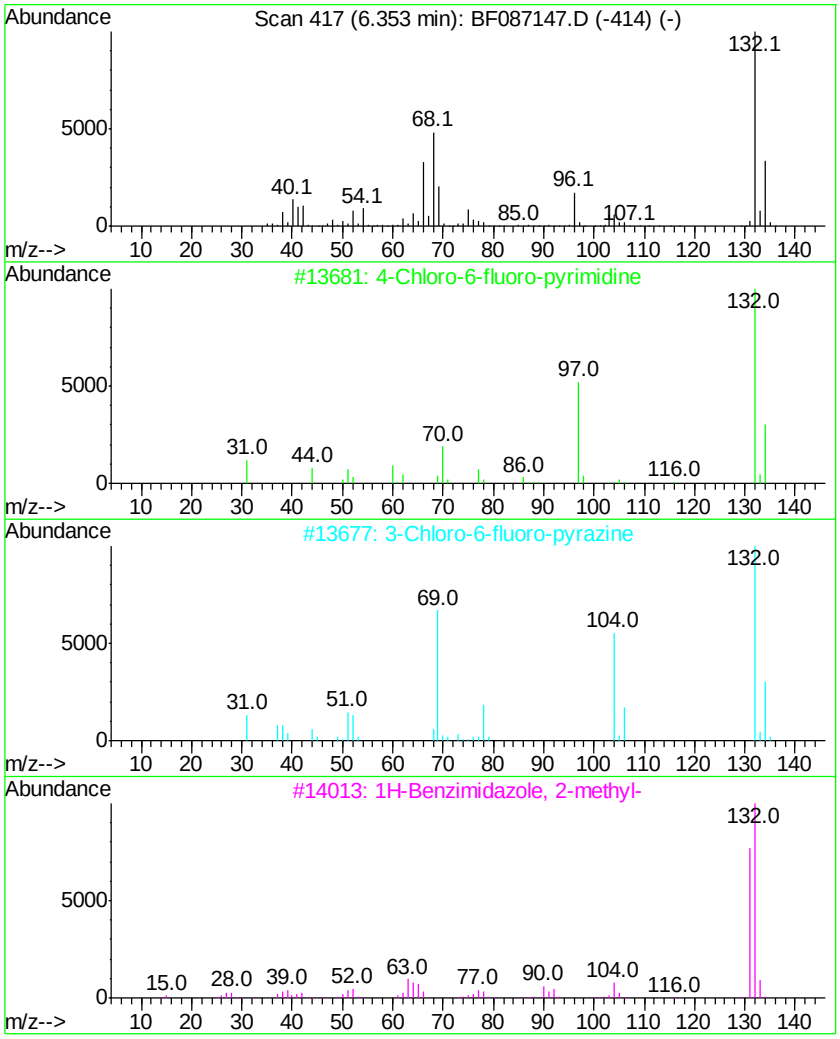
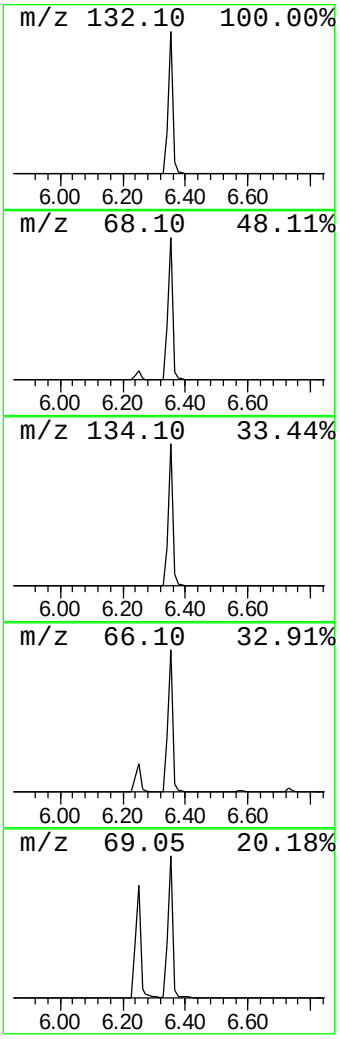
Peak Number 4 unknown6.35 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	95.23 ng	4385730	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087147.D
Acq On : 18 May 2016 16:52
Operator : UM/SJ
Sample : H3143-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
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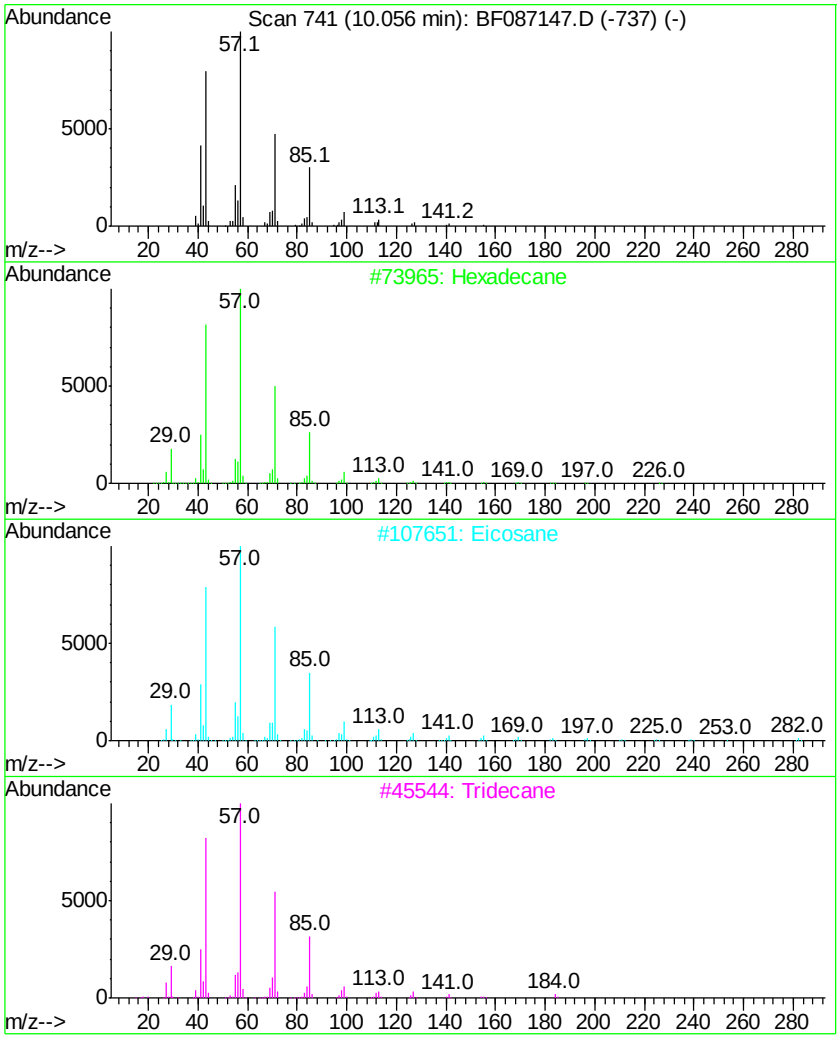
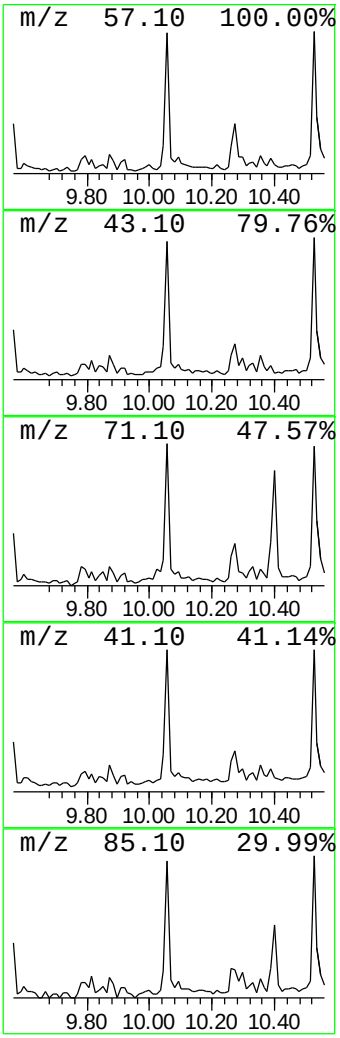
Peak Number 6 Hexadecane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.06	2.32 ng	158655	Acenaphthene-d10	9.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	86
3	Tridecane	184	C13H28	000629-50-5	86
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	86
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051816\
Data File : BF087147.D
Acq On : 18 May 2016 16:52
Operator : UM/SJ
Sample : H3143-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
3-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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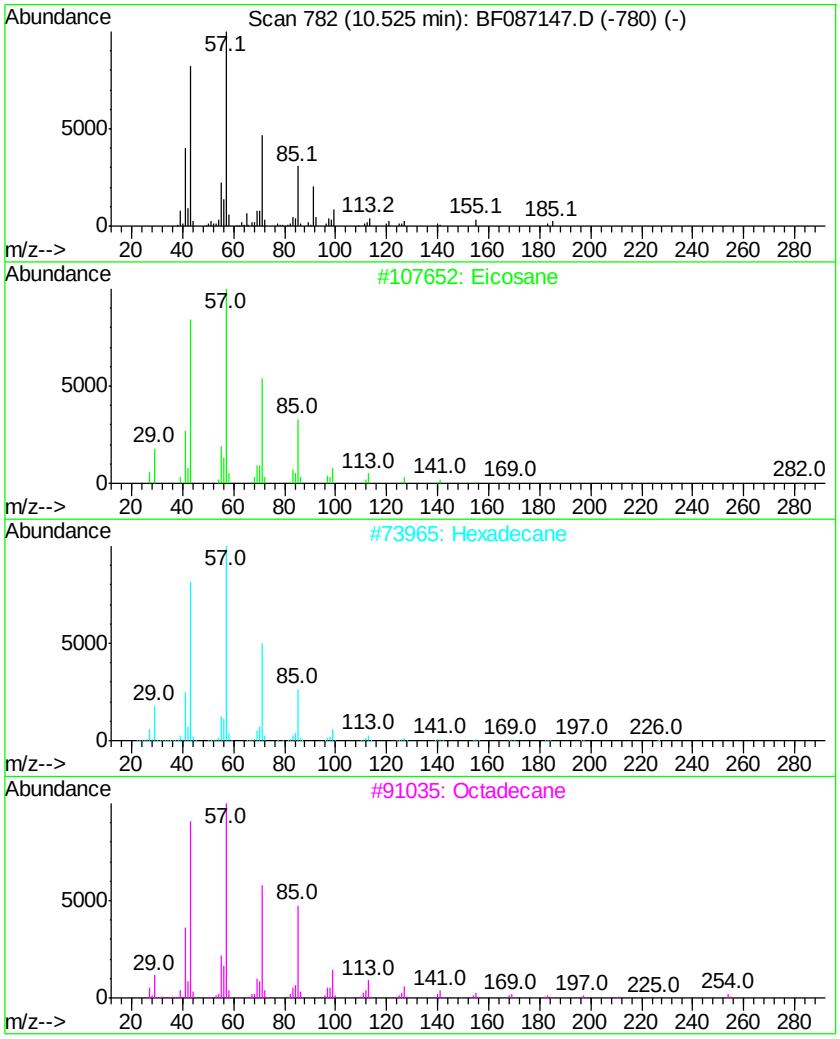
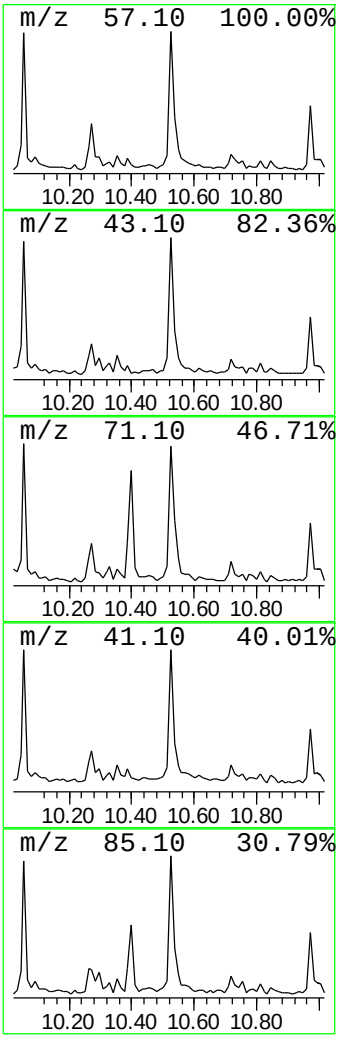
Peak Number 7 Eicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	3.68 ng	249026	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptadecane, 2,6-dimethyl-	268	C19H40	054105-67-8	72
5	Pentadecane	212	C15H32	000629-62-9	64





Library Search Compound Report

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Sample : H3143-05
Misc :
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Instrument :
BNA_F
ClientSampleId :
3-I-76(0-2)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF051716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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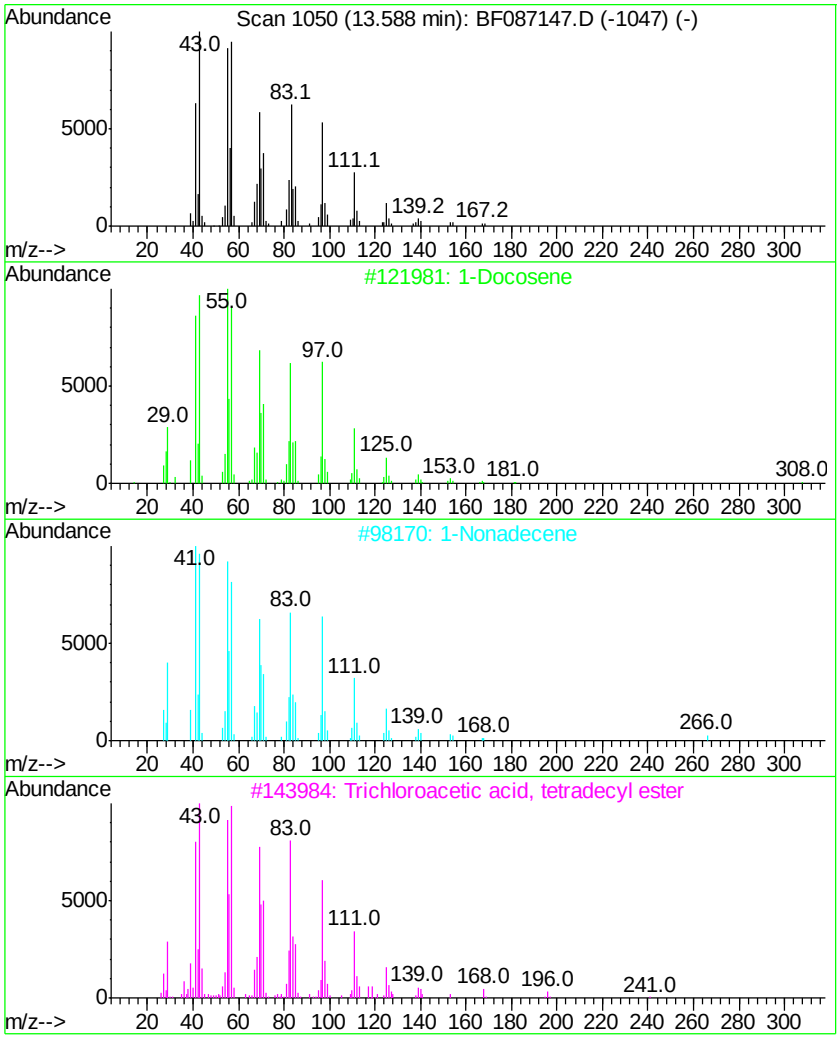
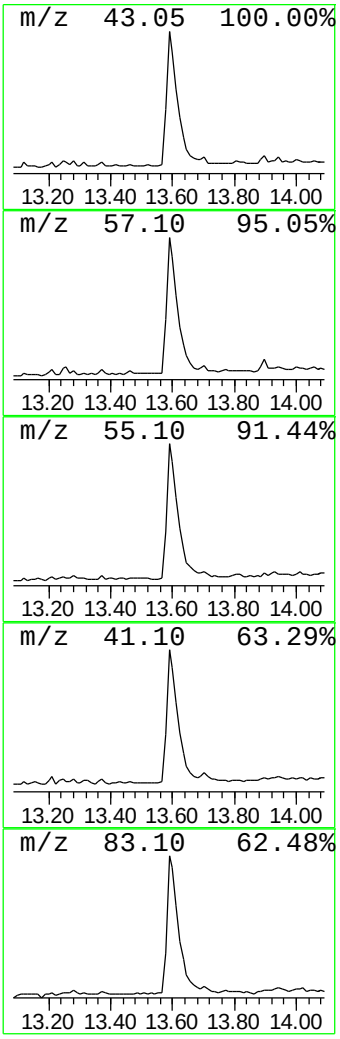
Peak Number 8 1-Docosene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.59	8.46 ng	574707	Chrysene-d12	13.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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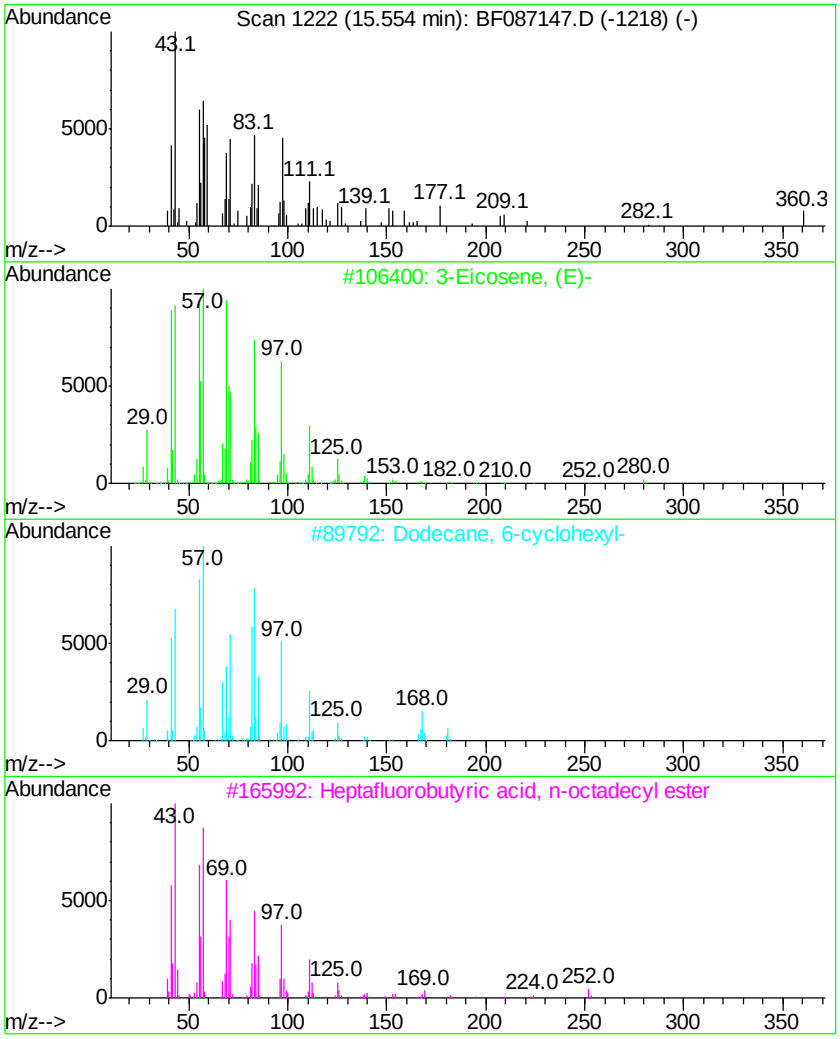
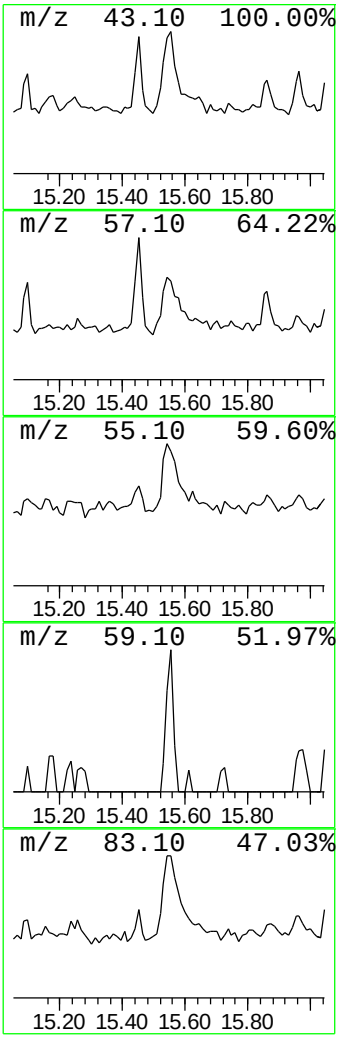
Peak Number 9 unknown15.55 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	2.50 ng	142504	Perylene-d12	15.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	49
2	Dodecane, 6-cyclohexyl-	252	C18H36	013151-86-5	49
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	49
4	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	49
5	Oxirane, [(hexadecyloxy)methyl]-	298	C19H38O2	015965-99-8	43





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.71	58.9	ng	2712080	1	6.58	921075	20.0
2-Pentanone, 4-me...	5.56	4.9	ng	224965	1	6.58	921075	20.0
unknown6.35	6.35	95.2	ng	4385730	1	6.58	921075	20.0
Hexadecane	10.06	2.3	ng	158655	3	9.61	1369130	20.0
Eicosane	10.52	3.7	ng	249026	4	11.08	1355030	20.0
1-Docosene	13.59	8.5	ng	574707	5	13.71	1358020	20.0
unknown15.55	15.55	2.5	ng	142504	6	15.06	1139950	20.0